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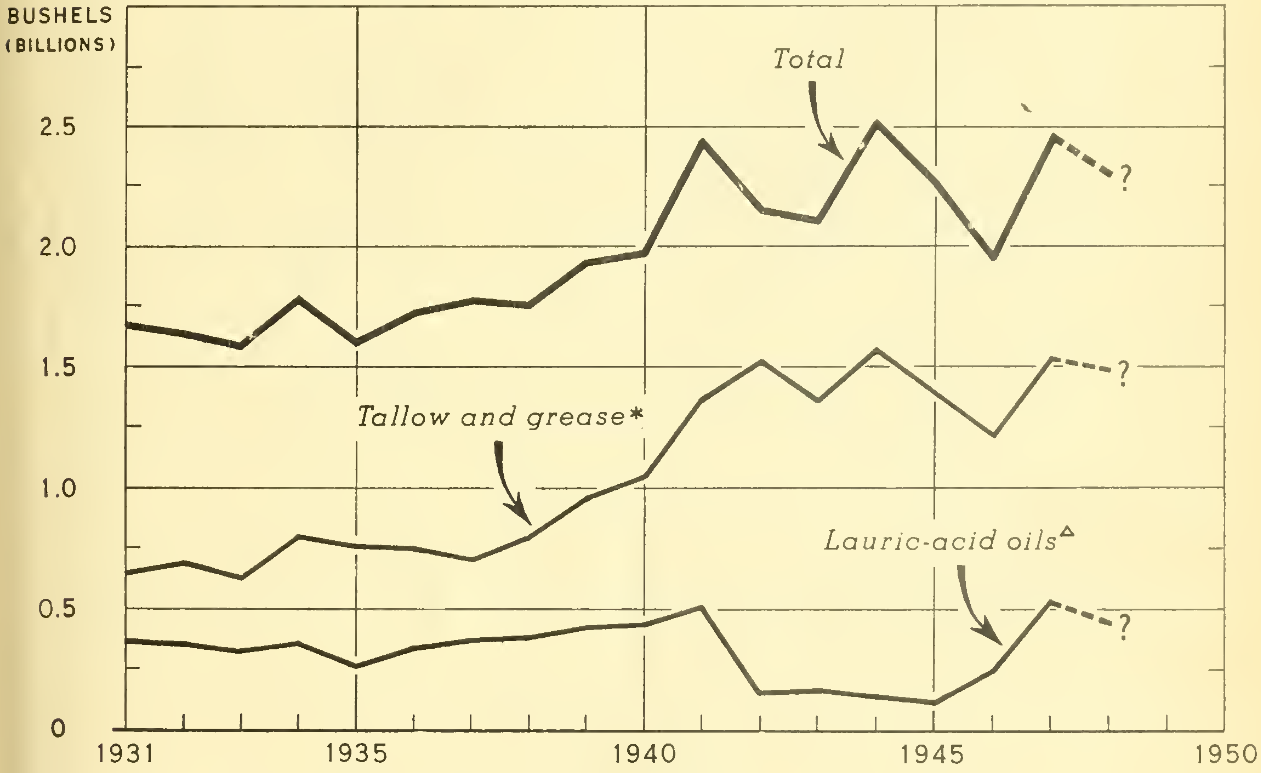
THE Fats and Oils SITUATION

BUREAU OF AGRICULTURAL ECONOMICS
UNITED STATES DEPARTMENT OF AGRICULTURE

FOS-127 BAE AUGUST 1948

USE OF FATS, ROSIN, AND TALL OIL IN SOAP: TOTAL, AND SPECIFIED ITEMS, UNITED STATES, 1931-48



*NOT INCLUDING FOOTS OR FATTY ACIDS FROM TALLOW AND GREASE
△COCONUT, BABASSU, AND PALM-KERNEL OILS

U. S. DEPARTMENT OF AGRICULTURE NEG. 46848 BUREAU OF AGRICULTURAL ECONOMICS

Total use of fats, rosin, and tall oil in soap in 1947 was slightly larger than in 1941, the prewar peak, and only slightly smaller than in 1944, when large quantities of soap were made for the military, for export, and for synthetic rubber manufacturing. Civilian demand for soap in 1947 was exceptionally strong, and supplies of soap fats were relatively large.

In 1948, however, imports of copra are considerably less than in 1947, and production of tallow and grease, particularly in the summer and fall, will total less than last year. Soap sales by leading manufacturers in the first half of 1948 were not quite so large as a year earlier.

Table 1.- Wholesale pricee per pound of fats, oils, and glycerin at specified markets, and index numbers of prices of fats and oils, July 1946 and 1947, May-July 1948

Item	July		1948		
	1946	1947	May	June	July
	Cente	Cents	Cente	Cente	Cents
Butter, 92-score, Chicago	69.6	67.8	79.7	80.9	78.6
Butter, 92-score, New York	70.0	67.4	80.1	80.2	78.7
Oleomargarine, dom. veg., Chicago	21.0	36.0	40.0	40.5	39.0
Shortening, cottonseed, hydrogenated, 10-drum lote, N.Y.	17.9	28.8	37.2	37.8	33.9
Shortening, cont. animal fat, 1-lb. cartons, Chicago	---	29.0	35.8	37.3	35.8
Lard, loose, Chicago	20.9	16.0	20.5	20.5	20.3
Lard, prime steam, tiercee, Chicago	22.0	18.8	23.0	23.0	21.9
Lard, refined, 1-pound cartons, Chicago	27.0	18.9	24.0	24.2	24.2
Oleo oil, extra, tierces, Chicago	16.7	18.9	26.9	29.2	30.2
Oleostearine, tierces, N.Y.	1/ 14.8	2/ 15.5	25.8	27.9	29.3
Tallow, edible, Chicago	14.8	12.6	17.2	18.0	17.2
Corn oil, crude, tanke, f.o.b. mills	12.8	22.2	33.5	34.1	26.6
Corn oil, refined, drums, New York	16.6	28.0	42.4	42.2	35.8
Cottonssed oil, crude, tanks, f.o.b. S.E. mills	3/ 16.2	22.2	34.6	35.4	27.5
Cottonseed oil, p.s.y., tank cars, N.Y. (nearby futures)	17.5	23.2	36.2	36.1	28.2
Cottonseed oil, refined, drums, New York	16.5	28.8	42.0	42.0	37.7
Psanut oil, crude, tanks, f.o.b. mills	13.0	22.0	33.2	33.8	27.8
Peanut oil, refined, drums, N.Y.	---	28.8	41.8	42.0	37.7
Soybean oil, crude, tank cars, midwestern mills	11.8	17.2	26.3	27.3	22.1
Soybean oil, refined, drums, N.Y.	17.6	22.8	32.2	33.0	29.4
Coconut oil, crude, tank car lots, Pacific Coast 4/	5/ 11.0	14.3	28.2	28.8	24.5
Coconut oil, refined, drums, New York (tax included)	6/ 12.8	18.5	34.5	34.5	33.3
Olive oil, imported, edible, drums, N.Y.	126.7	85.1	59.6	60.0	60.5
Olive oil, California, edible, drums, N.Y.	58.7	73.3	56.7	56.7	56.7
Olive-oil foots, domestic, drums, carlots, N.Y.	18.0	---	25.2	24.8	23.2
Sesame oil, tanks, Pacific Coast	---	38.0	34.0	33.5	33.0
Tallow, inedible, prime or extra, carlots, Chicago	12.1	11.8	13.8	15.8	15.8
Tallow, No. 1, inedible, Chicago	11.8	11.0	12.7	14.6	14.2
Grease, A White, Chicago	12.2	11.5	13.3	15.4	15.0
Menhaden oil, light pressed, tanks, N.Y.	14.5	20.2	21.0	21.0	20.6
Sardine oil, crude, tanks, Pacific Coast	11.0	13.6	19.00	19.0	19.0
Cottonseed-oil foots, raw (50% T.F.A.) delivered, East	4.1	3.2	5.6	5.2	4.2
Tall oil, refined, tanks, works	4.5	6.8	5.8	5.8	5.8
Linseed oil, raw, tank cars, Minneapolis	16.4	28.0	27.2	27.6	27.3
Linseed oil, raw, drums, carlots, N.Y.	17.6	28.4	29.0	29.4	29.1
Oiticica oil, drums, f.o.b. N.Y.	25.6	24.2	24.0	21.9	20.6
Tung oil, drums, carlots, N.Y.	39.0	24.1	25.8	25.0	23.1
Tung oil, tanks, f.o.b. Pacific Coast	---	22.8	24.2	23.3	21.4
Castor oil, No. 3, drums, carlots, N.Y.	14.8	27.8	23.5	23.5	23.2
Castor oil, No. 1, tanks, N.Y.	19.8	27.0	23.0	23.0	22.7
Castor oil, dehydrated, tanks, N.Y.	19.8	32.8	26.0	26.0	25.7
Cod-liver oil, med. U.S.P. bbl., N.Y.	35.2	38.4	34.5	34.5	34.5
Cod oil, Newfoundland, drums, N.Y.	11.9	---	24.5	24.5	24.5
Glycerin, soaplye, basis 80%, tanks, N.Y.	12.0	22.5	28.0	28.2	29.0

INDEX NUMBERS (1935-39 = 100)

Item	July 1946	July 1947	May 1948	June 1948	July 1948
Eight domestic fats and oils (1910-14 = 100)	222	222	275	278	261
Eight domestic fats and oils (.72*)	219	219	272	274	258
All fats and oils (27 items) (.73*)	222	230	282	286	268
All fats and oils, except butter (26 items) (.82*)	204	228	293	298	266
Grouped by origin:					
Animal fats (.69*)	230	219	261	265	258
Marine animal oils (.77*)	187	278	391	392	391
Vegetable oils, domestic (.84*)	190	270	383	383	314
Vsgetable oils, foreign (.88*)	212	248	281	284	265
Grouped by use:					
Butter (.67*)	236	230	272	275	267
Butter, seasonally adjusted (.67*)	254	249	296	300	288
Lard (.78*)	215	185	226	226	214
Other food fats (.84*)	221	256	369	370	306
All food fats (.71*)	231	230	285	287	268
Soap fats (.80*)	179	200	282	300	271
Drying oils (.85*)	193	285	278	280	275
Miscellaneous oils (.71*)	163	283	303	301	296
All industrial fats and oils (.82*)	183	241	280	290	273

Prices compiled from Oil, Paint and Drug Reporter, The National Provisioner, The Journal of Commerce (New York), Chicago Journal of Commerce, and reports of Production and Marketing Administration and Bureau of Labor Statistics. Excese taxes and duties included where applicable. Index numbers of earlier years beginning 1910 are in Technical Bulletin No. 737 (1940) and The Fats and Oils Situation beginning December 1940.

1/ Barrels, Chicago. 2/ Loose. 3/ Southweet mills. 4/ Three-cent processing tax added to prices as originally quoted. 5/ Bulk, c.i.f. 6/ Tank cars.

* Multiply by this factor to convert current index number (1935-39 = 100) to old basis (1924-29 = 100).

THE FATS AND OILS SITUATION

Approved by the Outlook and Situation Board, August 24, 1948

The bumper crops of cottonseed, soybeans and peanuts indicated by August 1 conditions will assure a substantial increase in production of the vegetable oils used mainly for food in the year beginning October 1948. The large flaxseed crop also assures an abundance of linseed oil in relation to domestic demand at the support price (26.7 cents per pound, Minneapolis basis).

The weather this summer has been exceptionally favorable for high yields per acre in nearly all areas where oil crops are grown. Production of soybeans, estimated at a record 205 million bushels, is 13 percent larger than last year. With cotton lint production estimated to be up 28 percent from last year and the largest since 1937, output of cottonseed also will be large. The 1948 flaxseed crop is estimated to be 44.5 million bushels, 12 percent larger than last year and the second largest of record. Production of peanuts picked and threshed may be 2,341 million pounds, 7 percent larger than in 1947 and the largest of record.

Production of animal fats in 1948-49 may decline slightly, mainly because of the 3 percent decrease in the 1948 spring pig crop. Some increase in imports of coconut and palm oils is probable as a result of increasing output in the Far East.

The general level of prices of fats and oils in the year beginning October 1948 is likely to be moderately lower than a year earlier as a result of an increased supply. Continued strong domestic and export demands, however, probably will keep the twelve-month average of prices of most fats and oils well above the wartime ceilings.

* * *

Note. - Following are two tables on fats and oils used in soap, bringing to date similar tables published in the June 1947 Fats and Oils Situation; a special table on apparent disappearance of fats and oils in the United States since 1936, by kind of fat or oil; and the regular monthly tables on imports, exports, production, and stocks of fats and oils and on prices of oilseeds and oilseed meals.

The September issue will contain a full statement of the outlook for fats, oils, and oilseeds in 1948-49.

Table 2. - Supply and disposition of soap, in terms of fat content, and use of rosin and tall oil in soap, 1931-48

Year	Supply in terms of fats and oils					Disposition, in terms of fats and oils								Rosin and tall oil used in soap manufacture		
	Fats and oils used in manufacture							Domestic disappearance						Total weight		
										Total soap products						
	Primary fats	Secondary fats and derivatives 1/ 2/	Total	Imports 3/	Total supply	Exports 3/ 4/	Shipments to U. S. Territories 3/	Total	Use in nonsoap products 5/	Military, excluding relief	Civilian	Military and civilian, per capita	Civilian, per capita	Rosin	Tall oil 2/	Per capita, military and civilian
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Lb.	Lb.	Mil. lb.	Mil. lb.	Lb.
1931	1,390	190	1,580	4	1,584	19	11	1,554	56	---	1,498	12.0	12.0	98		0.8
1932	1,375	160	1,535	3	1,538	14	11	1,513	61	---	1,462	11.6	11.6	107		.9
1933	1,311	170	1,481	2	1,484	12	12	1,460	59	---	1,401	11.1	11.1	108		.9
1934	1,474	190	1,664	6	1,671	12	12	1,648	53	---	1,595	12.5	12.5	116		.9
1935	1,313	190	1,503	12	1,515	13	12	1,490	62	---	1,428	11.2	11.2	114		.9
1936	1,395	220	1,615	2	1,617	14	14	1,589	67	---	1,522	11.8	11.8	122		.9
1937	1,476	200	1,676	2	1,678	15	13	1,649	68	---	1,581	12.2	12.2	112		.9
1938	1,469	200	1,669	2	1,670	14	13	1,644	57	---	1,587	12.1	12.1	96		.7
1939	1,654	190	1,844	2	1,846	18	15	1,813	72	---	1,741	13.2	13.2	96		.7
1940	1,723	170	1,893	3	1,896	14	15	1,866	75	---	1,791	13.5	13.5	78		.6
1941	2,144	190	2,334	6	2,339	17	20	2,303	94	36	2,173	16.5	16.4	103		.8
1942	1,871	190	2,061	2	2,063	12	15	2,036	95	83	1,858	14.3	14.0	98		.7
1943	1,715	269	1,989	4	1,985	19	17	1,953	110	200	1,643	13.4	12.7	120	11	.9
1944	2,001	302	2,304	6/	2,304	31	13	2,260	180	299	1,781	15.0	13.8	193	29	1.6
1945	1,757	364	2,121	2	2,122	56	20	2,047	160	283	1,604	13.4	12.4	122	30	1.1
1946	1,522	335	1,857	4	1,861	47	23	1,791	140	8	1,643	11.6	11.8	75	25	.7
1947 7/	2,127	228	2,354	6/	2,355	52	19	2,284	120	8/ 24	2,140	14.9	14.9	80	16	.7
1948 - Jan.-Mar. 7/	570	55	625	6/	625	9	4	612						16	5	.1

Compiled from reports of the Bureau of the Census, and Bureau of Agricultural Economics. Totals computed from unrounded numbers.

1/ Items included are lard (grease) oil, tallow oil, inedible animal stearin, foots, palm-oil residue, and fatty acids. Prior to 1943, estimated largely on the basis of reported total factory consumption of secondary fats and oils and derivatives.

2/ 1943-June 1947, estimated on the basis of total factory consumption in soap of secondary fats and oils and derivatives, and tall oil.

3/ Fat content estimated by applying the following factors to actual weight of soap: Medicated, .85; toilet or fancy, .75; castile, .68; laundry, .34; soap powder, .60; chips, .75; shaving cream, .40; shaving cake, powder, and sticks, .87; scouring bricks, etc., .10; scouring cleanser, .03; other, .50, except shipments to Alaska, .43.

4/ Includes an estimated 8.5 million pounds exported in food packages through CARE and other nongovernmental relief agencies in 1947; 2.6 million pounds, January-March 1948; does not include quantities mailed abroad by individuals.

5/ Synthetic rubber, textiles, wire-drawing, and other nonsoap products.

6/ Less than 500,000 pounds.

7/ Preliminary.

8/ Estimated at the civilian per-capita rate.

Table 3 .- Soap: Fats, oils, tall oil, and rosin used in manufacture, average 1937-41, annual 1943-47, and January-March 1948

Item	Quantity							Percentage of total use of saponifiable materials						
	Average 1937-41	1943	1944	1945	1946	1947 1/	Jan.-Mar. 1948 1/	Average 1937-41	1943	1944	1945	1946	1947 1/	Jan.-Mar. 1948 1/
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Hard oils (tallow class):														
Slow lathering -														
Tallow, inedible	788,915	896,286	1,005,777	952,334	871,968	1,109,005	270,927	39.8	42.4	39.8	41.9	44.6	45.3	42.0
Greases	175,766	463,811	524,156	412,105	338,469	417,241	130,506	8.9	21.9	20.8	18.2	17.3	17.0	20.2
Whale and fish oils	137,134	44,972	50,900	114,346	39,714	42,550	14,803	6.9	2.1	2.0	5.0	2.0	1.7	2.3
Palm oil	109,990	32,621	19,675	24,500	7,417	1,091	158	5.6	1.6	.8	1.1	.4	.1	2/
Tallow, edible	1,275	4,652	43,761	32,067	6,895	7,087	381	.1	.2	1.7	1.4	.4	.3	.1
Lard 3/	157	74,039	176,266	82,070	744	5,973	517	2/	3.5	7.0	3.6	2/	.2	.1
Oleostearine	292	275	211	---	---	---	---	2/	2/	2/	---	---	---	---
Total	1,213,529	1,516,656	1,820,746	1,617,422	1,265,207	1,582,947	417,292	61.3	71.7	72.1	71.2	64.7	64.6	64.7
Quick lathering -														
Coconut oil	373,023	142,346	131,558	59,353	184,906	511,331	146,317	18.8	6.7	5.2	2.7	9.4	20.9	22.7
Palm-kernel oil	29,196	1,840	1,938	29,967	18,939	47	---	1.5	.1	.1	1.3	1.0	2/	---
Babassu oil	26,241	25,814	13,006	32,476	35,834	14,582	1,655	1.3	1.2	.5	1.4	1.8	.6	.2
Total	428,460	170,000	146,502	121,796	239,679	525,960	147,972	21.6	8.0	5.8	5.4	12.2	21.5	22.9
Soft oils:														
Secondary fats and oils (excluding tall oil) 4/	190,000	269,425	302,343	363,705	334,986	227,619	54,658	9.6	12.8	12.1	16.0	17.1	9.4	8.6
Olive oil, sulphured and inedible	16,572	5,486	2,956	1,987	801	763	155	.8	.3	.1	.1	.1	2/	2/
Soybean oil	14,939	15,428	3,258	4,219	3,545	5,375	873	.8	.7	.1	.2	.2	.2	.1
Cottonseed oil	3,668	991	586	1,695	522	920	169	.2	.1	2/	.1	2/	2/	2/
Corn oil	3,587	831	887	721	299	446	59	.2	2/	2/	2/	2/	2/	2/
Castor oil	1,616	878	16,962	1,399	553	9,044	3,406	.1	2/	.7	.1	2/	.4	.5
Linseed oil	1,672	1,697	2,253	915	576	276	105	.1	.1	.1	2/	2/	2/	2/
Peanut oil	631	256	564	846	7,347	375	43	2/	2/	2/	2/	.4	2/	2/
Sesame oil	720	70	---	---	1	7	---	2/	2/	---	---	2/	2/	---
Oleo oil	115	2,160	3,243	3,685	3,082	40	---	2/	.1	.1	.2	.2	2/	---
Rapeseed oil	218	1	---	---	16	---	---	2/	2/	---	---	2/	---	---
Olive oil, edible	64	11	83	18	1	4	---	2/	2/	2/	2/	2/	2/	---
Neat's-foot oil	20	68	9	7	41	23	1	2/	2/	2/	2/	2/	2/	2/
Other vegetable oils	7,085	675	3,164	2,338	451	664	115	.4	2/	.1	.1	2/	2/	2/
Total	240,908	297,977	336,308	381,535	352,221	245,556	59,584	12.2	14.1	13.3	16.8	18.0	10.0	9.2
Total fats and oils	1,882,897	1,984,633	2,303,556	2,120,753	1,857,107	2,354,463	624,848	95.1	93.8	91.2	93.4	94.9	96.1	96.8
Rosin	5/97,202	119,804	193,144	121,522	74,694	79,866	15,678	4.9	5.7	7.6	5.3	3.8	3.2	2.4
Tall oil 6/	---	10,700	29,300	29,800	25,200	16,300	4,950	---	.5	1.2	1.3	1.3	.7	.8
Total saponifiable materials	1,980,100	2,115,137	2,526,000	2,272,075	1,957,001	2,450,629	645,476	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Fats, oils, and tall oil, from Animal and Vegetable Fats and Oils, Bureau of the Census; rosin, from Naval Stores Report, Bureau of Agricultural Economics.

1/ Preliminary.
2/ Less than .05 percent.
3/ Includes rendered pork fat.
4/ Inedible animal stearine, grease (lard) oil, tallow oil, foots, palm oil residue, red oil, stearic acid, and other fatty acids. 1937-41 estimated from the total factory consumption of these items in all products; 1943-June 1947, estimated from total factory consumption of these items and tall oil in soap.
5/ Year beginning April.
6/ 1943-June 1947, estimated.

Table 4.- Domestic disappearance of primary fats and oils, oleomargarine, and shortening, United States, 1937-48

Item	Average 1937-41	1942	1943	1944	1945	1946	1947 1/	Jan. - June 1/ 1947	Jan. - June 1/ 1948
	Million lb.	Million lb.	Million lb.	Million lb.	Million lb.	Million lb.	Million lb.	Million lb.	Million lb.
PRIMARY FATS AND OILS, classified by principal use -									
Food									
Butter	2,194.5	2,216.0	1,778.0	1,856.0	1,652.0	1,512.0	1,626.0	847.8	726.9
Lard and rendered pork fat	1,659.2	1,805.8	1,902.8	1,973.2	1,756.6	1,673.6	1,953.5	953.1	992.2
Oleo oil, oleo stock, edible animal stearins, and edible tallow	209.8	283.1	228.9	220.3	204.2	118.2	180.3	85.0	63.2
Total edible animal fats	4,063.5	4,304.9	3,909.7	4,049.5	3,612.8	3,303.8	3,759.8	1,885.9	1,782.3
Corn oil	164.0	263.4	239.3	218.5	206.5	195.4	253.3	130.5	93.2
Cottonseed oil	1,552.4	1,400.9	1,314.2	1,137.6	1,229.9	1,184.5	1,111.7	441.5	651.9
Olive oil, edible	53.3	15.5	16.7	6.9	13.1	11.5	16.7	8.8	20.1
Peanut oil	98.0	93.4	124.3	128.2	111.5	115.6	138.4	68.7	74.7
Soybean oil	399.6	711.0	1,134.0	1,229.6	1,265.1	1,409.3	1,448.4	705.5	757.2
Total edible vegetable oils	2,267.3	2,484.2	2,828.5	2,720.8	2,826.1	2,916.3	2,968.5	1,355.0	1,597.1
Soap									
Tallow, inedible and grease, excluding wool grease 2/	1,158.2	1,853.8	1,759.4	1,922.7	1,838.9	1,676.6	1,883.0	916.1	931.5
Palm oil	274.7	128.5	64.8	60.5	71.6	50.9	43.4	21.9	26.8
Fish oils	203.3	154.1	175.2	178.9	254.9	130.3	151.0	75.9	40.0
Marine mammal oil	59.1	20.0	30.3	23.1	14.9	15.9	11.8	4.8	.9
Olive oil, inedible and "foots"	24.6	4.6	5.7	2.9	2.0	.8	.1	---	7.6
Total slow-lathering oils	1,719.9	2,161.0	2,035.4	2,188.1	2,182.3	1,874.5	2,089.3	1,018.7	1,006.8
Babassu oil	46.4	34.0	23.7	12.8	34.9	44.2	17.8	10.6	12.2
Coconut oil	603.9	201.6	195.6	202.5	158.7	326.2	760.9	348.5	364.6
Other lauric-acid oils 3/	49.3	6.2	5.0	5.9	42.0	35.2	9.9	6.8	10.3
Total lauric-acid oils	699.6	241.8	224.3	221.2	235.6	405.6	788.6	365.9	387.1
Drying-oil products									
Castor oil, dehydrated 4/	N.A.	N.A.	15.6	85.8	54.7	32.9	33.2	15.4	20.5
Linseed oil	609.5	831.6	780.1	702.7	651.4	680.9	575.5	296.8	295.7
Oiticica oil	14.0	9.2	2/ 3.6	10.7	19.4	25.2	12.6	8.4	6.0
Tung oil	95.9	2/ 11.8	2/ 12.0	2/ 10.1	22.7	35.6	104.8	38.5	71.1
Perilla oil	32.4	2.7	2.0	2/ .5	.2	.1	5/	5/	5/
Total drying oils	751.8	855.3	813.3	809.8	748.4	774.7	726.1	359.1	393.2
Other industrial products									
Neat's-foot oil	5.8	6.9	5.1	3.8	4.2	1.8	1.2	.8	1.1
Wool grease	11.3	16.4	15.8	17.3	18.2	18.9	21.3	11.0	10.9
Cod oil and fish -liver oils	54.5	15.4	23.2	26.4	29.7	22.9	16.3	6.6	9.3
Castor oil,No. 1 and No. 3 6/	88.6	155.1	83.0	114.9	110.1	62.5	82.5	43.9	36.2
Rapeseed oil	10.1	19.8	18.3	24.8	18.2	15.0	5.5	3.6	2.1
Other vegetable oils 7/	11.3	26.3	8.1	45.9	60.2	13.9	8.7	3.6	9.2
Total	181.6	239.9	153.5	233.1	240.6	135.0	135.5	62.3	68.8
Grand total, primary fats and oils	9,683.5	10,287.2	9,964.8	10,222.4	9,845.9	9,410.2	10,468.0	5,046.8	5,235.4
OLEOMARGARINE, actual weight 8/	352.7	363.0	504.3	500.8	538.4	538.0	715.5	315.0	462.0
SHORTENING	1,414.2	1,300.3	1,374.5	1,348.9	1,429.6	1,422.5	1,346.4	610.2	691.5

Except as otherwise noted, computed from data on production, stocks, imports, exports, and shipments to U. S. Territories, from reports of the Bureau of the Census, Fish and Wildlife Service, and U. S. Department of Agriculture.

1/ Preliminary. 2/ Factory consumption, Bureau of the Census. 3/ Palm-kernel oil only, 1937 and 1938; beginning 1939, palm-kernel, murumuru-kernel, tucum-kernel, and ouricury-kernel oils. 4/ Factory production, adjusted for changes in stocks; converted to crude basis by dividing by 0.88. 5/ Less than 50,000 pounds.

6/ Beginning 1943, total domestic disappearance of castor oil minus disappearance of dehydrated castor oil. 7/ Computed from data on production, imports, exports, and factory and warehouse stocks of cashew-nut kernel oil, cashew-nut shell liquid (oil), hempseed oil, Japan wax (tallow), sesame oil, sunflower oil, teaseed oil, vegetable tallow, and minor domestic vegetable oils. The computation also includes (1) exports of vegetable oils not reported separately and (2) shipments to U. S. Territories of all vegetable oils. The large disappearance in 1942, 1944, and 1945 was mainly sunflower oil. 8/ Based mainly on reports of Bureau of Internal Revenue; details of computation shown in table 6, page 11, June 1948 issue of The Fats and Oils Situation.

Table 5.- Imports and exports of fats, oils, oil-bearing materials, and fat-and-oil products, in terms of oil, average 1937-41, annual 1947, and January-June 1947 and 1948

Item	Imports for consumption				Exports 1/			
	Average 1937-41	1947	January-June		Average 1937-41	1947	January-June	
			1947	1948 2/			1947	1948 2/
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
Food fats and oils								
Butter	3.8	3.8	3.8	3/	9.5	4/17.3	4/6.9	4/6.1
Lard	3/	3/	3/	3/	272.7	415.6	198.2	172.6
Oleo oil	---	---	---	---	3.8	.1	.1	.1
Oleo stock	---	---	---	---	2.9	1.4	3/	3/
Stearine, animal, edible	1.0	---	---	---	.3	.2	.1	---
Tallow, edible	2.9	---	---	---	.2	.6	.2	1.2
Total, edible animal fats	7.7	3.8	3.8	3/	289.4	435.2	205.5	180.0
Corn oil	14.2	---	---	---	.3	.4	.1	.1
Cottonseed oil	72.1	1.0	3/	2.6	11.0	12.8	2.6	24.4
Cottonseed (15.5 percent)	---	---	---	---	---	2.1	1.8	1.3
Olive oil, edible	48.5	11.2	4.6	18.1	---	.1	.1	.1
Peanut oil	16.1	.1	.1	.1	2.4	2.2	.6	.7
Peanuts, shelled (43 percent)	---	---	---	---	---	74.8	36.3	83.9
Sesame oil	9.9	.2	.2	1.3	---	---	---	---
Sesame seed (47 percent)	4.8	4.5	3.4	8.7	---	---	---	---
Soybean oil	7.0	.1	3/	.2	10.5	110.0	36.8	58.6
Soybeans (15 percent)	---	---	---	3/	30.9	22.5	15.9	20.2
Sunflower oil	.8	3/	---	3/	5/	.1	3/	---
Teaseed oil	10.0	6.4	5.5	2.6	---	---	---	---
Vegetable oils, shipments to U. S. Territories	---	---	---	---	8.5	8.3	5.1	4.2
Total, edible vegetable oils	183.4	23.5	13.8	33.6	63.6	233.3	99.3	193.5
Soap fats and oils								
Fish oils	2.6	3.1	1.9	8.2	2.7	10.9	2.4	7.4
Greases	---	3/	3/	3/	4.5	14.3	5.2	5.7
Marine mammal oils	6/25.4	6/14.9	6/7.3	6/13.4	2.9	.1	3/	.3
Olive oil "foots"	20.2	---	---	7.2	---	.1	.1	.1
Olive oil, inedible	5.5	.2	.2	.1	---	3/	3/	3/
Palm oil	301.2	63.2	27.5	28.8	17.3	11.7	3.5	8.4
Tallow, inedible	7.7	1.1	.5	.7	1.5	55.1	19.0	20.0
Total, slow-lathering oils	362.6	82.5	37.4	58.4	28.9	92.2	30.2	41.9
Babassu oil	.4	1.7	1.0	1.2	---	---	---	---
Babassu kernels (63 percent)	48.9	14.0	13.2	19.3	---	---	---	---
Coconut oil	362.8	23.6	14.9	45.7	33.4	61.6	34.7	14.8
Copra (63 percent)	335.9	853.9	469.8	335.4	27.8	21.7	18.8	.3
Murumuru kernels (36 percent)	1.2	3/	3/	---	---	---	---	---
Palm-kernel oil	28.8	2.4	---	5.3	---	---	---	---
Palm-nut kernels (45 percent)	14.8	3/	3/	3/	---	---	---	---
Tucum kernels (43 percent)	2.4	7.3	6.6	4.9	---	---	---	---
Total lauric-acid oils	795.2	902.9	505.5	411.8	61.2	83.3	53.5	15.1
Drying oils								
Flaxseed (34 percent)	351.7	5.5	3.0	11.8	---	.3	.2	.3
Linseed oil	.1	117.3	106.5	3.0	3.3	24.0	.7	18.5
Oiticica oil	16.0	8.5	6.6	8.2	---	---	---	---
Perilla oil	28.9	---	---	---	---	---	---	---
Perilla seed (37 percent)	.5	---	---	---	---	---	---	---
Tung oil	100.4	121.6	77.0	67.4	5.0	7.2	2.4	4.0
Total drying oils	497.6	252.9	193.1	90.4	8.3	31.5	3.3	22.8
Other industrial oils and fats								
Cashew-nut shell liquid (oil)	2.7	3.4	1.6	3.6	---	---	---	---
Castor oil	.5	6.6	6.4	1.2	1.0	3.4	1.0	.6
Castor beans (45 percent)	95.0	124.6	62.9	68.9	---	---	---	---
Fish-liver oils	46.7	17.0	8.3	12.1	---	9.2	5.0	4.6
Japan wax (tallow)	3.0	---	---	3/	---	---	---	---
Neat's-foot oil	---	.1	3/	3/	.6	1.1	.2	.1
Rapeseed oil	10.3	5.8	2.6	3.6	---	3/	3/	3/
Vegetable tallow	2.7	.1	.1	3/	---	---	---	---
Wool grease	3.0	.1	.1	3/	---	---	---	---
Other vegetable oils and fats	---	.1	3/	.7	13.2	2.0	.6	2.1
Total, other industrial	163.9	157.8	82.0	90.1	14.8	15.7	6.8	7.4
Manufactured products (fat content)								
Margarine 7/	1.9	---	---	.1	1.3	19.9	12.5	3.2
Shortening	1.4	3/	3/	3/	8.0	10.3	6.3	4.6
Soap	2.8	.4	.3	.3	30.8	62.4	35.2	19.3
Total, manufactured products	6.1	.4	.3	.4	40.1	92.6	54.0	27.6
Exports through private relief agencies	---	---	---	---	---	24.3	8.4	14.8
Grand total 8/	2,016.7	1,423.6	836.1	685.0	506.3	1,008.4	460.7	503.0

Compiled from Monthly Summary of Foreign Commerce of the United States, records of the Bureau of the Census, and reports of the U. S. Department of Agriculture.

1/ Includes shipments to U. S. Territories of butter, lard, and manufactured products; reexports of coconut, palm, and tung oils, olive-oil foots, and copra; and reexports in 1947 of certain quantities of linseed oil reported in imports for consumption. 2/ Preliminary. 3/ Less than 50,000 pounds. 4/ Includes actual weight of butter, oil and spreads (Army). These were not reported separately prior to 1945. 5/ Not reported separately. 6/ Sperm-whale oil except 1937-41 average, which includes 13.6 million pounds of sperm-whale oil. 7/ Imported margarine goes largely to Puerto Rico and the Virgin Islands. 8/ Computed from unrounded numbers.

Table 6.- Fats and oils, including oleomargarine and shortening: Production from domestic and imported materials, January-June 1948, and factory and warehouse stocks at the end of month, June 1948, with comparative data

Items grouped by major use	Production 1/				Stocks (crude basis)		
	June 1947	June 1948	January-June 1947	January-June 1948	June 30, 1947	May 31, 1948	June 30, 1948
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Food fats and oils							
Butter 2/	157.1	135.6	719.9	614.4	51.6	18.6	51.3
Lard and rendered pork fat 3/	146.7	168.7	901.9	856.5	233.9	203.9	223.1
Oleo oil, edible animal stearine, and edible tallow	12.5	12.0	98.1	63.1	23.0	8.7	10.2
Total edible animal fats	316.3	316.3	1,719.9	1,534.0	308.5	231.2	284.6
Corn oil 4/	21.1	16.6	129.4	95.2	17.1	13.0	12.9
Cottonseed oil 4/	23.3	38.0	403.0	552.7	239.5	179.5	152.7
Olive oil, edible	---	---	1.9	2.3	2.3	2.4	1.7
Peanut oil 4/	5.3	14.0	94.5	86.7	51.2	33.1	29.0
Sesame oil	5/	5/	5/	5/	.9	1.1	1.5
Soybean oil 4/	122.4	123.6	837.5	818.4	259.1	180.6	148.6
Total edible vegetable oils	172.1	192.2	1,466.3	1,555.3	570.1	409.7	346.4
Soap fats and oils							
Tallow, inedible, and greases, excluding wool grease 6/	174.1	167.8	1,036.1	1,034.8	269.0	320.1	323.2
Palm oil 4/	---	---	---	---	17.3	19.0	16.9
Fish oil	10.5	13.0	15.0	19.3	39.7	29.4	37.0
Marine mammal oils	---	---	---	---	7.2	21.3	20.0
Olive oil, inedible and "foots"	---	---	5/	5/	.6	7/ .1	7/ .1
Total slow-lathering oils	184.6	180.8	1,051.1	1,054.1	333.8	389.9	397.2
Babassu oil 4/	5/	5/	5/	7/ 11.5	5.7	7.3	8/ 6.8
Coconut oil 4/	66.1	40.5	414.1	350.3	148.8	116.4	98.9
Total lauric-acid oils	66.1	40.5	414.1	361.8	154.5	123.7	105.7
Drying oils							
Castor oil, dehydrated 9/	1.5	3.3	17.1	22.6	7.1	8.1	8.9
Linseed oil	32.1	63.1	182.7	321.7	144.5	131.4	137.1
Oiticica oil	---	---	---	---	4.6	4.5	4.5
Tung oil	.5	.2	10.7	12.1	63.6	49.4	42.4
Total drying oils	34.1	66.6	210.5	356.4	219.8	193.4	192.9
Other industrial oils and fats							
Neat's-foot oil	.2	.1	1.2	.9	1.1	.9	.8
Wool grease	1.8	1.7	11.4	11.1	7.3	8.5	7.9
Cod oil and fish-liver oils	.5	.3	2.6	1.9	12.1	10.1	9.8
Castor oil, No. 1 and No. 3 10/	5.9	3.0	48.1	43.3	24.0	29.6	25.5
Rapeseed oil	---	---	5/	---	5.3	6.8	8.0
Other vegetable oils	3.8	10.0	17.6	23.3	6.9	12.8	10.7
Total	12.2	15.1	80.9	80.5	56.7	68.7	62.7
Grand total, primary fats and oils 11/	785.2	811.6	12/5442.9	12/5419.1	1643.2	1416.6	1389.3
Domestic materials	706.5	752.7	12/4943.2	12/4956.5			
Imported materials	78.7	58.9	499.7	462.6			
Oleomargarine 13/	41.4	75.9	331.7	474.0	N.A.	6.5	11.7
Shortening	78.9	120.8	641.5	720.0	78.9	124.1	120.8

Compiled from reports of the Bureau of the Census, except as noted. Data include stocks held by the Government in reported positions.

1/ Factory production except as otherwise noted.

2/ Creamery butter production and cold-storage stocks, U.S. Department of Agriculture.

3/ Federally inspected production, USDA.

4/ Stocks, crude oil plus refined oil converted to crude basis by dividing by the following factors: Babassu, corn, cottonseed, palm, and palm-kernel oils, 0.93; coconut, peanut, and soybean oils, 0.94.

5/ Included in "other vegetable oils".

6/ Total apparent production, BAE (computed from factory consumption, trade, and stocks).

7/ Incomplete; partly included in "other vegetable oils".

8/ Crude oil only.

9/ Converted to crude basis by dividing by 0.88.

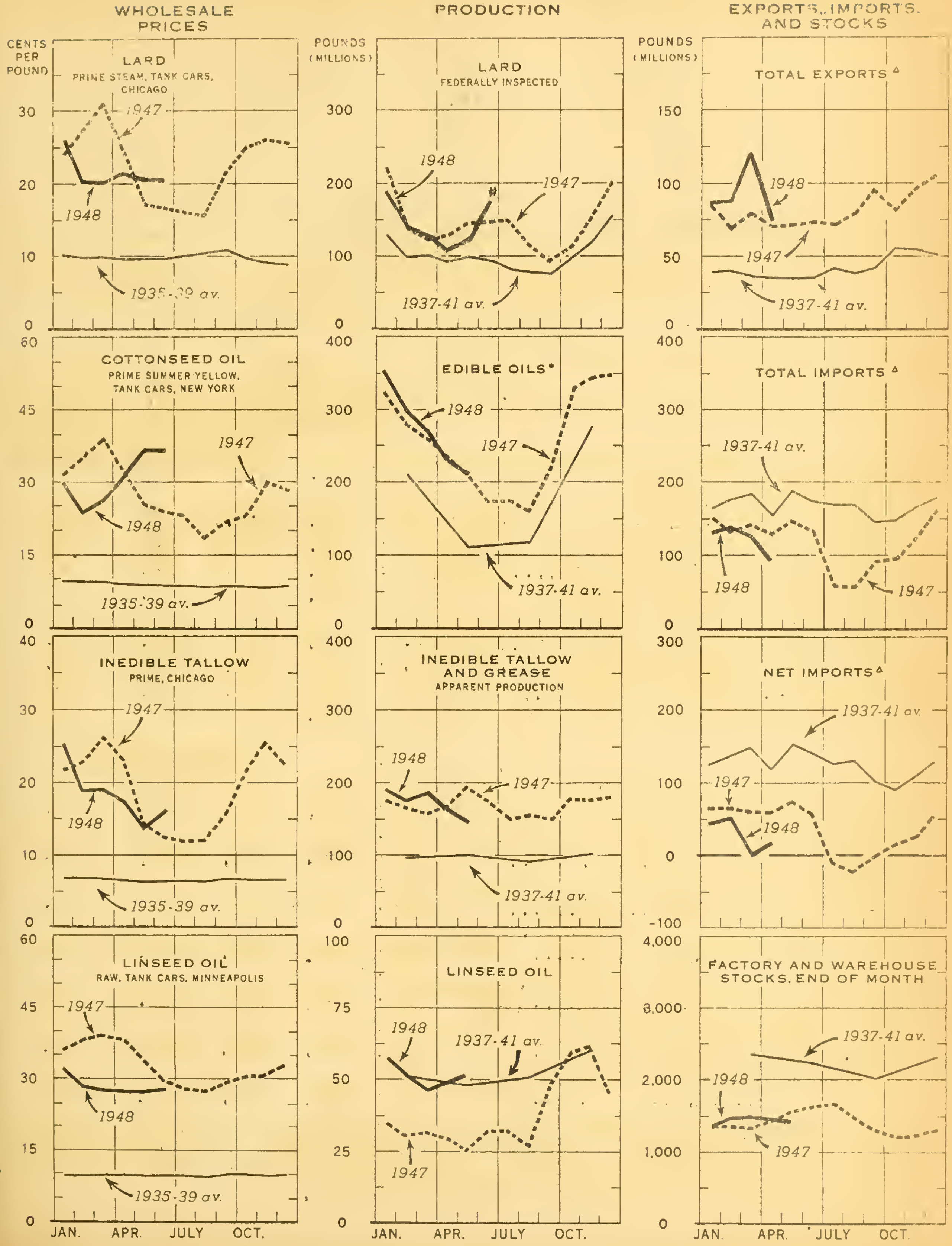
10/ Estimated quantity used in manufacture of dehydrated castor oil excluded from production.

11/ Computed from unrounded numbers.

12/ Includes estimated output of farm butter and nonfederally inspected lard, 500 million pounds in 1947 and 477 million pounds in 1948.

13/ Bureau of Internal Revenue.

FATS AND OILS SITUATION AT A GLANCE



*INCLUDES COTTONSEED, SOYBEAN, CORN, AND PEANUT OILS

# ESTIMATED FROM WEEKLY DATA

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Table 7. - Price received by farmers and prices at terminal markets for specified oil-bearing materials and oilmeals, July 1946 and 1947, May-July 1948

Item	Unit	July		1948		
		1946	1947	May	June	July
		Dollars	Dollars	Dollars	Dollars	Dollar
		Oil-bearing materials				
Castor beans, Brazilian ports	Long ton	1/118.00	160.00	150.00	138.12	140.50
Copra, Philippine, c.i.f. Pacific Coast	Short ton	109.50	149.75	320.00	315.00	264.00
Cottonseed, United States average	Short ton	60.00	79.00	90.70	92.20	96.00
Flaxseed, No. 1, Minneapolis	Bushel	3.79	6.01	6.09	6.09	6.08
Flaxseed, United States average....	Bushel	3.43	5.75	5.81	5.82	5.83
Peanuts, No. 1 shelled, Spanish, Southeastern shipping points....	100 lb.	14.75	16.12	16.88	17.00	17.12
Peanuts, United States average....	100 lb.	8.97	9.55	10.40	10.40	10.40
Soybeans, No. 2 Yellow, Chicago....	Bushel	---	3.34	4.02	---	3.78
Soybeans, United States average ..	Bushel	2.31	3.09	3.74	3.90	3.66
		Oilseed meals 2/				
Copra meal, Los Angeles 3/	Short ton	60.50	75.10	90.10	93.10	92.75
Cottonseed meal, 41 percent protein, Memphis	Short ton	100.00	79.45	80.55	86.80	82.95
Cottonseed meal, 41 percent protein, Chicago	Short ton	---	---	89.60	96.25	92.45
Linseed meal, 34 percent protein, Minneapolis	Short ton 4/	89.50	78.40	71.25	73.50	72.00
Linseed meal, 34 percent protein, New York	Short ton	88.92	88.00	83.90	85.55	84.65
Peanut meal, 45 percent protein, f.o.b. Southeastern mills	Short ton	98.40	80.45	81.60	81.00	80.45
Soybean meal, 41 percent protein, Chicago	Short ton	97.00	89.75	86.60	94.25	96.90

Compiled from Oil, Paint and Drug Reporter, Daily Market Record (Minneapolis), Chicago Journal of Commerce, reports of the Bureau of Agricultural Economics, and records of Production and Marketing Administration.

1/ C.i.f. first port of arrival.
2/ Bagged carlots.
3/ Original quotations adjusted to bagged-carlots basis.
4/ 32 percent protein.